



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> :	C12N 15/86, 5/10, C07K 14/075	A2	(11) International Publication Number:	WO 00/28060
			(43) International Publication Date:	18 May 2000 (18.05.00)

(21) International Application Number:	PCT/IT99/00356	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date:	8 November 1999 (08.11.99)	
(30) Priority Data:	RM98A000694 6 November 1998 (06.11.98) IT	
(71) Applicant (for all designated States except US):	ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE [IT/IT]; P. Angeletti S.p.A., Via Pontina Km. 30,600, I-00040 Pomezia (IT).	Published Without international search report and to be republished upon receipt of that report.
(72) Inventor; and		
(75) Inventor/Applicant (for US only):	COLLOCA, Stefano [IT/IT]; Via Peretti, 22, I-00153 Roma (IT).	
(74) Agents:	BAZZICHELLI, Alfredo et al.; Società Italiana Brevetti S.p.A., Piazza di Pietra, 39, I-00186 Roma (IT).	
(54) Title:	CELLS FOR THE PRODUCTION OF HELPER DEPENDENT ADENOVIRAL VECTORS, METHOD FOR THE PREPARATION AND USE THEREOF	

## (57) Abstract

The present invention relates to cells that can be used for the production of helper dependent adenoviral vectors in absence of further helpers, as they contain genetic units capable of expressing the functions necessary for the completion of the viral cycle that are absent in such vectors. The present invention further includes the method for the production of said cells, the use thereof for the production of adenoviral vectors.

